

# SEQUENCE LISTING

<110> Bublot, et al.

<120> Equine GM-CSF

<130> 454313-2334.1

<140> 09/589,460

<141> 2000-06-07

<150> 60/138,843

<151> 1999-06-10

<160> 9

<170> PatentIn version 3.0

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<221> misc\_feature

<222> (13)..(13)

<223> nucleotide "y" can be either of the pyrimidine nucleotides "c" or "t"

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 <223> coding sequence of equine GM-CSF gene

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Met Trp Leu Gln Asn Leu Leu Leu Leu Gly Thr Val Val Tyr Ser Met
1          5          10          15

ccc gca ccc acc cgc caa ccc agc cct gtc act cgg ccc tgg cag cat      96
Pro Ala Pro Thr Arg Gln Pro Ser Pro Val Thr Arg Pro Trp Gln His
          20          25          30

gtg gat gcc atc aag gag gcc ctg agc ctt ctg aac aac agt agt gac      144
Val Asp Ala Ile Lys Glu Ala Leu Ser Leu Leu Asn Asn Ser Ser Asp
          35          40          45

act gct gct atc atg aat gaa aca gta gaa gtc gtc tct gaa acg ttt      192
Thr Ala Ala Ile Met Asn Glu Thr Val Glu Val Val Ser Glu Thr Phe
          50          55          60

gac gcc gag gag ctg aca tgc ctg cag act cgc ctg aag ctg tac aaa      240
Asp Ala Glu Glu Leu Thr Cys Leu Gln Thr Arg Leu Lys Leu Tyr Lys
65          70          75          80

cag ggc ttg cgg ggc agc ctc atc aag ctc gaa ggc ccc ttg acc atg      288
Gln Gly Leu Arg Gly Ser Leu Ile Lys Leu Glu Gly Pro Leu Thr Met
          85          90          95

atg gcc agc cac tac aag cag cac tgc ccc ccc acc ctg gaa act tcc      336
Met Ala Ser His Tyr Lys Gln His Cys Pro Pro Thr Leu Glu Thr Ser
          100          105          110

tgt gca acc cag atg atc acc ttc aaa agt ttc aaa aag aac ctg aag      384
Cys Ala Thr Gln Met Ile Thr Phe Lys Ser Phe Lys Lys Asn Leu Lys
          115          120          125

gat ttt ctg ttt gag atc ccg ttt gac tgc tgg aag cca gcc cag aag      432
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taa      435
  
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 <213> Equine sp.

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Val Asp Ala Ile Lys Glu Ala Leu Ser Leu Leu Asn Asn Ser Ser Asp  
35 40 45

Thr Ala Ala Ile Met Asn Glu Thr Val Glu Val Val Ser Glu Thr Phe  
50 55 60

Asp Ala Glu Glu Leu Thr Cys Leu Gln Thr Arg Leu Lys Leu Tyr Lys  
65 70 75 80

Gln Gly Leu Arg Gly Ser Leu Ile Lys Leu Glu Gly Pro Leu Thr Met  
85 90 95

Met Ala Ser His Tyr Lys Gln His Cys Pro Pro Thr Leu Glu Thr Ser  
100 105 110

Cys Ala Thr Gln Met Ile Thr Phe Lys Ser Phe Lys Lys Asn Leu Lys  
115 120 125

Asp Phe Leu Phe Glu Ile Pro Phe Asp Cys Trp Lys Pro Ala Gln Lys  
130 135 140